

Converting Colors

XYZ(21.5470, 14.1731, 95.3665)

Have a look what the booklet for
XYZ(21.5470, 14.1731, 95.3665)
contains.

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Color

**XYZ(21.5761, 14.2368,
95.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	0F58FE
RGB	15, 88, 254
RGB Percent	6%, 35%, 100%
CMY	0.9410, 0.6549, 0.0039
CMYK	0.94, 0.65, 0.00, 0.00
HSL	222°, 99%, 53%
HSV	222°, 94%, 100%
XYZ	21.5761, 14.2368, 95.3767
YIQ	85.0970, -96.7940, 36.1500

Conversions

Conversions Part 2

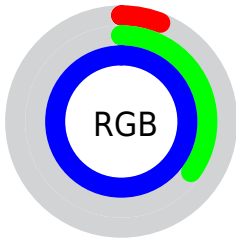
Format	Color
R_{YB}	15, 71, 254
Decimal	1005822
CIE Lab	44.57, 43.93, -86.93
CIE LCh	45, 97.400, 296.810
Yxy	14.2368, 0.1645, 0.1085
Android (android.graphics.Color)	4279195902 (0xFF0F58FE)
YUV	85.0970, 83.2692, -61.4751
Hunter-Lab	37.7317, 36.0412, -123.4588

Details

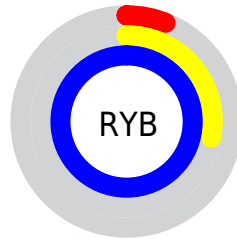
The XYZ color **21.5761, 14.2368, 95.3767** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **57.4953, 54.1765, 7.8808**, and the grayscale version is **8.5045, 8.9474, 9.7437**.

A 20% lighter version of the original color is **34.4746, 29.1789, 98.4228**, and **10.8645, 5.7869, 52.7689** is the 20% darker color. If you saturate the color by 10%, you get **20.5813, 12.5394, 95.1019**, and if you desaturate by 10%, it is **23.8999, 17.8511, 95.9523**.

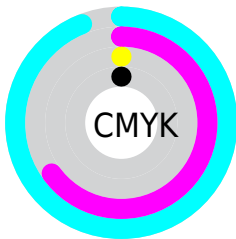
Distribution



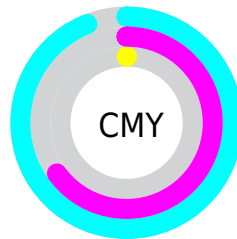
- Red (6%)
- Green (35%)
- Blue (100%)



- Red (6%)
- Yellow (28%)
- Blue (100%)



- Cyan (94%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (94%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5761, 14.2368, 95.3767 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 21.5761, 14.2368, 95.3767 by changing the saturation by 10% instead.

■ 21.5761, 14.2368,
95.3767

■ 21.5761, 14.2368,
95.3767

252.9987,
218.6990, 566.3854

■ 13.6606, 8.2855,
71.8499

■ 45.5285, 33.5086,
156.7850

■ 7.9651, 4.2782,
52.5500

■ 62.2961, 47.5980,
195.5036

■ 4.1243, 1.8304,
37.0584

■ 82.7451, 65.1688,
240.1232

■ 1.7727, 0.5060,
24.9566

■ 107.2408, 86.6055,
291.0623

■ 0.5011, 0.0000,
15.8260

■ 136.1487,
112.2925, 348.7396

■ 0.0000, 0.0000,
9.2481

169.8341,

■ 0.0000, 0.0000,

142.6141, 413.5735

4.8043

208.6623,
177.9549, 485.9826

■ 0.0000, 0.0000,
2.0762

■ 0.0000, 0.0000,
0.6015

■ 21.5761, 14.2368,
95.3767

■ 21.5761, 14.2368,
95.3767

■ 20.5813, 12.5394,
95.1019

■ 23.8999, 17.8511,
95.9523

■ 27.2456, 22.5472,
96.6824

■ 31.7447, 28.4241,
97.5796

■ 37.5059, 35.5670,
98.6547

■ 44.6246, 44.0521,
99.9173

■ 53.1863, 53.9491,
101.3763

■ 63.2690, 65.3223,
103.0402

■ 74.9451, 78.2320,
104.9166

■ 88.2821, 92.7349,
107.0130

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.7062, 14.2368, 111.6522



21.5761, 14.2368, 95.3767



30.5741, 14.2368, 53.4303

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.5761, 14.2368, 95.3767



23.6305, 14.2368, 0.0000



3.3436, 14.2368, 13.2107

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.5761, 14.2368, 95.3767



57.4953, 54.1765, 7.8808

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4.4028, 14.2368, 1.8175



21.5761, 14.2368, 95.3767



14.3921, 14.2368, 0.0000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.5761, 14.2368, 95.3767



32.0485, 14.2368, 3.0142



7.7859, 14.2368, 0.0000



4.0160, 14.2368, 44.4469

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.5761, 14.2368, 95.3767



34.2809, 14.2368, 27.6543



7.7859, 14.2368, 0.0000



3.4939, 14.2368, 7.5612

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.5770, 14.2370, 95.3771



59.6478, 61.2136, 103.2794



43.7094, 74.2138, 54.3167



11.8433, 12.0576, 21.9531



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.5770, 14.2370, 95.3771



20.7634, 12.6467, 95.9545



19.8565, 8.4246, 94.3459



17.4552, 18.2819, 22.8587



10.9640, 6.8375, 50.1765



1.1591, 0.8488, 4.9160

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.8062, 22.1187, 11.2454



42.6096, 21.8078, 9.1421



62.1622, 84.6487, 13.5165



18.2376, 18.0784, 19.8686



22.3223, 11.4182, 5.0817



2.2197, 1.1302, 0.7381

Previews

White Background



This preview shows how the XYZ color 21.5761, 14.2368, 95.3767 looks on a white background.

Color Contrast Check

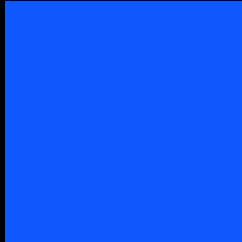
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.5761, 14.2368, 95.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5761, 14.2368, 95.3767

Background



This preview shows how black text looks on a background with the XYZ color 21.5761, 14.2368, 95.3767.



This preview shows how white text looks on a background with the XYZ color 21.5761, 14.2368,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.5761, 14.2368, 95.3767

Protanopia

16.6639, 14.1115, 64.7963

Deuteranopia

13.7012, 13.8928, 46.2154



Tritanopia

9.7582, 13.8959, 20.5802

Trichromacy



Original Color

21.5761, 14.2368, 95.3767

Protanomaly

18.2490, 13.9994, 75.1391

Deuteranomaly

16.0049, 13.7007, 61.4755

Tritanomaly

12.4723, 13.2426, 39.9289

Monochromacy



Original Color

21.5761, 14.2368, 95.3767

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.3796, 9.6916, 28.5177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5761, 14.2368, 95.3767 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(15, 88, 254)` looks like.

```
.text, #text, p{  
    color:rgb(15, 88, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(15, 88, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 88, 254) }
```

Border

The CSS property to change the border of an element to XYZ 21.5761, 14.2368, 95.3767 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(15, 88, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(15, 88, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(15, 88, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 88, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 88, 254);  
box-shadow:4px 4px 4px 4px rgb(15, 88,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5761, 14.2368, 95.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 88, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(15, 88,  
254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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